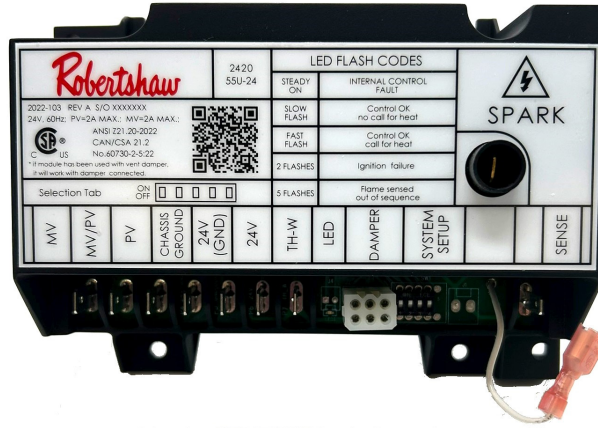


# 780U Universal Series

## 780U-IP10 Universal Intermittent Pilot Ignition Module

Robertshaw



## Description

The Robertshaw 780U-IP10 Universal Intermittent Pilot Ignition Module, part of the 780U Universal Series, is a highly configurable 24V ignition module which is designed to provide reliable performance of gas furnaces, boilers, water heaters, and commercial cooking equipment. It offers selectable options for trials, pre-purge, trial for ignition, inter-purge, and restart time, making it adaptable to a wide range of applications. Compatible with both natural and LP gas, it supports both single rod (local sense) and two rod (remote sense) flame sensing. The module replaces over 150 models, including those from Honeywell, White-Rodgers, and Johnson Controls. It features a vent damper connection and LED indicators to display flame presence, strength, and system status and errors.

## Features and Benefits

- Configurable 24V ignition module
- Selectable number of trials, pre-purge, trial for ignition, inter-purge and restart time
- Replaces over 150 models including Honeywell, White-Rodgers, Johnson Controls and others
- Flame sensing supports both single rod (local sense) and two rod (remote sense)
- Compatible with both Natural and LP gas
- Vent damper connection allows for connection to a vent damper
- LED indicators provide troubleshooting and notifications for flame presence/strength and displays system status and errors

## Applications

- Gas Furnaces
- Boilers
- Water Heaters
- Commercial Cooking

**1** Year  
Limited  
Warranty



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## Specifications

- Control Voltage: Line 24V (20-28 VAC) 50-60 Hz
- Anticipator Settings: 0.25 A plus valve load at 24 VAC
- Flame Failure Response Time: 2 seconds max.
- Minimum Operating Temperature Rating: -40°F (-40°F)
- Maximum Operating Temperature Rating When Used with 2.0A Main Valve: 176°F (80°C)
- Valve Current Rating: 2.0 A Pilot and 2.0 A Main at 24 VAC

## 780U-IP10 Replacement and Cross Reference

OEM	Manufacturer Series Part Number
Baso	C610U
ICM	ICM2918
Resideo/Honeywell	S8610U3009/U
White-Rodgers	50D50-801
Fenwal	35-63
Johnson Controls	G60/65/67/77



**Scan for instant  
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cross-reference  
details**

